

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/610,118DATE: 07/19/2000  
TIME: 13:59:15Input Set : A:\7853211  
Output Set : N:\CRF3\07192000\I610118.raw

ENTERED

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1 110> APPLICANT: BRSTFIELD, J.  
2 Villevall, J.  
3 Landrot-Perrus, M.  
4 Vainchenko, W.  
5 Gill, D.  
6 Qian, H.  
7 Rinkenberg, G.  
8 120> TITLE OF INVENTION: GUSINIBETIN VI AND USES THEREOF  
9 130> FILE REFERENCE: 78-3-11  
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/610,118  
C--> 16 <141> CURRENT FILING DATE: 2000-06-30  
16 150> PRIOR APPLICATION NUMBER: 09/593,187  
W--> 17 <151> PRIOR FILING DATE: 2/14/00  
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W--> 20 <151> PRIOR FILING DATE: 12/6/99  
20 150> PRIOR APPLICATION NUMBER: 09/515,108  
W--> 23 <151> PRIOR FILING DATE: 6/30/99  
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24 170> SOFTWARE: FastSeq for Windows Version 3.0  
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26 211> LENGTH: 3312  
27 212> TYPE: DNA  
28 213> ORGANISM: Homo sapiens  
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/610,118

DATE: 05/12/2000

TIME: 13:56:49

11.10.18 8:57 : A:\7853211

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File:      N:\7899211
Output Set: N:\CRF3\07192000\I610118.raw

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20	tcaactcttc	tctattctcc	actgcactct	aaacattctc	tttctctc	tccaaaagg	1200
21	tctttacaga	agtttgggta	tgtactct	tttctctt	cttcaattc	cactttatcc	1240
22	actctctctc	acattaaaad	acaaagatcc	ctgtgtccac	atatttaaac	ctctctctt	1280
23	cccaacacac	aaaaaaac	aaaaattac	caattgtat	tttgtatcc	tattttcttc	1320
24	aaacttccg	aggttgat	gaacaaatg	cttaagctg	gaagcctc	atttcaatga	1360
25	ttttggttca	cacacatga	ctctacctc	catgaacat	ctcagactc	tctcaaaaac	1400
26	ttttttttta	aatatgttta	tttccctgat	tgtatctac	caacttttat	actgttttt	1440
27	gaaattttat	gtcccccacc	tatattata	ctattatga	tacattttt	aaattttaa	1480
28	atttttttta	ttcaaaaaa	aaaaaaada	aaacaaagg	ggttttctc	gaatttttta	1520
29	ttttttta						1560

34 249 SEP 15 NO 1 2

Environ. Biol. Fish. 101: 101–107, 2018.  
© 2018 The Author(s)  
https://doi.org/10.1007/s10641-018-0710-1

3.2.1.3. **DIFFERENTIAL**

71 013 - ANTHROPOLOGICAL: Homo sapiens

6. 499 - SEQUENCE: 3

<sup>177</sup> *Statistical procedures collected and classified at the 1999 conference*.

§ 87(2)(b) of the Freedom of Information Law. No person is to be held liable for releasing information in accordance with this law.

[illegible]

29. *Aspergillus fumigatus* *Aspergillus fumigatus* *Aspergillus fumigatus* *Aspergillus fumigatus* *Aspergillus fumigatus*

2. *Anticipatory socialization* (preparation for the role of the new position)

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9.  $\log_{10} 1000 = 3$

[illegible][illegible][illegible]

8. *atatacagaa aaactctat' tccccgac caattaccac cattedtcat' t'at'ca't'a*

86. *deputatus*, *casasque*, *custodiam*, *agere*; *et*, *basilicam*, *artificem*

[illegible][illegible][illegible]

11. *Chlorophyll a* (mg/g dry weight) =  $\frac{12.7}{2300} \times \text{OD}_{660} \times 1000$

22. *Chrysomelidae* (Colorado potato beetle) *Leptogaster* *leptogaster* (Colorado potato beetle)

12. J. H. J. van der Vliet, *SEU, P. 10*, p. 2.

19.  $\Delta H_{\text{f}}^{\circ}(\text{FeSO}_4) = -281.7 \text{ kJ mol}^{-1}$

2000-2001, TYPE: BR21

24 213.6 GRAMMUSM

[illegible]

10. *Ref. Seq. No. 533*

[illegible]

83. Ing Val Bro Ala Glo Sex Glo Kro Lau Bro Lau Bro Sex Lau Glo Ala

100 101

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427</
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107	108	Pro	Ser	Ser	Leu	Val	Pro	Leu	Gln	Arg	Pro	Val	Ser	Leu	Arg	Cys
104			45				10						15			

1976	50	1977	48
1977	Mr. Mr. Leo Bruno Mr. Mr. Leo	1977	Mr. Mr. Leo Bruno Mr. Mr. Leo

10    Gln Gly Pro Pro Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser  
11                 36

[illegible]

**109** Ser Arg Tyr Glu Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Cys  
70 80 90

110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000
110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/610,118  
 DATE: 01/19/2000  
 TIME: 13:19:16

Input Set : A:\7853211  
 Output Set: N:\CRF3\07192000\I610118.raw

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111 Ser Leu Ala Gly Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp
112      85      90      95
113 Ser Leu Pro Ser Asp Gln Leu Gln Leu Val Ala Thr Gly Val Phe Ala
114      100      105      110
115 Lys Pro Ser Leu Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly
116      115      120      125
117 Asp Val Thr Leu Gln Cys Gln Ile Arg Tyr Gly Phe Asp Gln Phe Ala
118      130      135      140
119 Leu Tyr Lys Gly Gly Asp Pro Ala Pro Tyr Lys Asn Pro Gln Arg Trp
120      145      150      155
121 Tyr Arg Ala Ser Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly
122      160      165      170
123 Thr Tyr Arg Cys Tyr Ser Phe Val Ser Arg Asp Pro Tyr Leu Trp Ser
124      175      180      185
125 Ala Pro Ser Asp Pro Leu Gln Leu Val Val Thr Gly Thr Ser Val Thr
126      190      195      200
127 Pro Ser Arg Leu Pro Thr Gln Pro Pro Ser Ser Val Ala Gln Phe Ser
128      205      210      215
129 Gln Ala Thr Ala Gln Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr
130      220      225      230
131 Thr Gln Thr Ser Arg Ser Ile Thr Thr Ser Pro Lys Gln Ser Asp Ser
132      235      240      245
133 Pro Ala Gly Pro Ala Arg Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg
134      250      255      260
135 Ile Cys Leu Gly Ala Val Thr Leu Ile Ile Leu Ala Gly Phe Leu Ala
136      265      270      275
137 Gln Asp Trp His Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala
138      280      285      290
139 Val Gln Arg Pro Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys
140      295      300      305
141 Ser His Gly Gly Thr Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly
142      310      315      320
143 Leu Cys Ser
144 <210> SEQ ID NO: 4
145 <211> LENGTH: 32
146 <212> TYPE: PRF
147 <213> ORGANISM: Homo sapiens
148 <100> SEQUENCE: 4
149 Met Ser Pro Ser Pro Thr Ala Leu Phe Cys Leu Gly Leu Cys Leu Gly
150      1      5      10      15
151 Arg Val Pro Ala
152      20
153 <210> SEQ ID NO: 5
154 <211> LENGTH: 31
155 <212> TYPE: PRF
156 <213> ORGANISM: Homo sapiens
157 <100> SEQUENCE: 5
158 Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala Leu Pro Ser Ser
159      1      5      10      15

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RAW SEQUENCE LISTING  
 PATIENT APPLICATION US/09/610,118  
 DATE: 07/19/2000  
 TIME: 13:09:16

Input Set : A:\7853211  
 Output Set: N:\CRF3\07192000\I610118.raw

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165 Leu Val Pro Leu Gln Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
166      20      25      30
167 Gly Val Asp Leu Tyr Arg Leu Gln Lys Leu Ser Ser Ser Arg Tyr Gln
168      35      40      45
169 Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
170      50      55      60
171 Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
172      65      70      75      80
173 Asp Gln Leu Gln Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
174      85      90      95
175 Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
176      100      105      110
177 Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Gln
178      115      120      125
179 Gly Asp Pro Ala Pro Tyr Lys Asn Pro Gln Arg Trp Tyr Arg Ala Ser
180      130      135      140
181 Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
182      145      150      155      160
183 Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser Ala Pro Ser Asp
184      165      170      175
185 Pro Leu Gln Leu Val Val Thr Gly Thr Ser Val Thr Pro Ser Ala Leu
186      180      185      190
187 Pro Thr Gln Pro Pro Ser Ser Val Ala Gln Phe Ser Gln Ala Thr Ala
188      195      200      205
189 Gln Leu Thr Val Ser Phe Thr Leu Lys Val Phe Thr Thr Gln Thr Ser
190      210      215      220
191 Arg Ser Ile Thr Thr Ser Pro Lys Gln Ser Asp Ser Pro Ala Gly Pro
192      225      230      235
193 Ala Arg Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg Ile Cys Leu Gly
194      240      245      250
195 Ala Val Ile Leu Ile Ile Leu Ala Gly Phe Leu Arg Gln Asp Trp His
196      255      260      265
197 Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala Val Gln Arg Pro
198      270      275      280
199 Leu Phe Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys Ser His Gly Gly
200      285      290      300
201 Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly Leu Cys Ser
202      305      310      315
203 210 - SEQ ID NO: 6
204 211 - LENGTH: 41
205 212 - TYPE: PPT
206 213 - ORGANISM: Homo sapiens
207 214 - SEQUENCE: 6
208 Cys Gln Gly Pro Pro Gly Val Asp Leu Tyr Arg Leu Gln Lys Leu Ser
209      1      5      10      15
210 Ser Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys
211      20      25      30
212 Arg Ser Leu Ala Gly Arg Tyr Arg Cys
213      35      40

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/610,118  
 DATE: 07/19/2000  
 TIME: 13:09:10

Input Set : A:\7853211  
 Output Set: N:\CRF3\07192000\I610118.raw

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217 210> SEQ ID NO: 7
218 211> LENGTH: 17
219 212> TYPE: PRT
220 213> ORGANISM: Homo sapiens
221 214> SEQUENCE:
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223 Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Gln Gly
224 1 5 10 15
225 Asp Pro Ala Pro Tyr Lys Asn Pro Gln Arg Trp Tyr Arg Ala Ser Phe
226 20 25 30
227 Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
228 35 40 45
229 210> SEQ ID NO: 8
230 211> LENGTH: 19
231 212> TYPE: PRT
232 213> ORGANISM: Homo sapiens
233 214> SEQUENCE:
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235 Leu Val Arg Ile Cys Leu Gly Ala Val Ile Leu Ile Ile Leu Ala Gly
236 1 5 10 15
237 Phe Leu Ala
238 210> SEQ ID NO: 9
239 211> LENGTH: 219
240 212> TYPE: PRT
241 213> ORGANISM: Homo sapiens
242 214> SEQUENCE:
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244 Gln Ser Gly Pro Leu Pro Leu Pro Ser Leu Gln Ala Leu Pro Ser Ser
245 1 15 30
246 Leu Val Pro Leu Gln Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
247 35 40 45
248 Gly Val Asp Leu Tyr Arg Leu Gln Lys Leu Ser Ser Ser Arg Tyr Gln
249 50 55 60
250 Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
251 65 70 75
252 Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
253 80 85 90
254 Asp Gln Leu Gln Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
255 95 100 105
256 Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
257 110 115 120
258 Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Gln
259 125 130 135
260 Gly Asp Pro Ala Pro Tyr Lys Asn Pro Gln Arg Tyr Tyr Arg Ala Ser
261 140 145 150
262 Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
263 155 160 165
264 Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser Ala Pro Ser Asp
265 170 175 180
266 Pro Leu Gln Leu Val Val Thr Gly Thr Ser Val Thr Pro Ser Arg Leu
267 185 190 195
268 Pro Thr Gln Pro Pro Ser Ser Val Ala Glu Phe Ser Gln Ala Thr Ala

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VERIFICATION SUMMARY

PATENT APPLICATION US/09/610,118

DATE: 07/19/2008

TIME: 13:59:11

Input Set: A:\7853211

Output Set: N:\CRF3\07192000\I610118.raw

List Match C: Current Application Number differs. Replaced Current Application No  
 List Match C: Current Filing Date differs. Replaced Current Filing Date  
 List Match W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 List Match W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 List Match W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD